In the claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Canceled)

12. (Canceled)

13. (Canceled).

14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Original) A fuel system for a marine propulsion device, comprising:

an engine;

a fuel storage reservoir configured to contain fuel for use by said engine, said fuel storage reservoir being connected in fluid communication with said engine;

a Peltier-effect device disposed in thermal communication with said fuel to remove heat from said fuel; and

a secondary heat exchanger connected in thermal communication with said Peltier-effect device, said secondary heat exchanger connecting said Peltier-effect device in thermal communication with a stream of water.

20. (Original) The fuel system of claim 19, further comprising:

a fuel pumping module connected in fluid communication between said fuel storage reservoir and said engine.

21. (Original) The fuel system of claim 20, further comprising:

a low pressure fuel conduit connected in fluid communication between said fuel storage reservoir and said fuel pumping module, said Peltier-effect device being connected in thermal communication with said low pressure fuel conduit.

22. (Original) The fuel system of claim 20, further comprising:

a high pressure fuel conduit connected in fluid communication between said fuel pumping module and said engine, said Peltier-effect device being connected in thermal communication with said high pressure fuel conduit.

23. (Original) The fuel system of claim 20, further comprising:

a low pressure fuel conduit connected in fluid communication between said fuel storage reservoir and said fuel pumping module, said Peltier-effect device being connected in thermal communication with said low pressure fuel conduit; and

a high pressure fuel conduit connected in fluid communication between said fuel pumping module and said engine, said Peltier-effect device being connected in thermal communication with said high pressure fuel conduit.

24. (Original) The fuel system of claim 19, wherein:

said marine propulsion device is attachable to a marine vessel.

25. (Original) The fuel system of claim 24, further comprising:

a water pump connected in fluid communication with said Peltier-effect device to cause said stream of water to flow from a body of water, on which said marine vessel is operable, through said secondary heat exchanger.

26. (Original) The fuel system of claim 19, further comprising:

a fuel rail connected in fluid communication with said fuel storage reservoir to distribute said fuel to a plurality of cylinders of said engine.

27. (Original) The fuel system of claim 26, further comprising:

a fuel filter connected in fluid communication between said fuel storage reservoir and said engine.

28. (Original) The fuel system of claim 19, wherein:

said marine propulsion device is an outboard motor.

29. (Original) The fuel system of claim 19, further comprising:

a heat exchange conduit connected in thermal communication with said Peltier-effect device to direct a flow of said fuel through said heat exchange conduit in thermal communication with a cold side of said Peltier-effect device.

30. (Original) The fuel system of claim 20, wherein:

said fuel pumping module comprises a lift pump and a high pressure pump.

31. (Original) The fuel system of claim 30, wherein:

said lift pump is connected in fluid communication between said fuel pumping module and said fuel storage reservoir; and

said high pressure pump is connected in fluid communication between said fuel pumping module and said engine.

32. (Original) A fuel system for a marine propulsion device, comprising:

an engine;

a fuel storage reservoir configured to contain fuel for use by said engine, said fuel storage reservoir being connected in fluid communication with said engine;

a Peltier-effect device disposed in thermal communication with said fuel to remove heat from said fuel;

a secondary heat exchanger connected in thermal communication with said Peltier-effect device, said secondary heat exchanger connecting said Peltier-effect device in thermal communication with a stream of water;

a fuel pumping module connected in fluid communication between said fuel storage reservoir and said engine;

a low pressure fuel conduit connected in fluid communication between said fuel storage reservoir and said fuel pumping module, said Peltier-effect device being connected in thermal communication with said low pressure fuel conduit;

a high pressure fuel conduit connected in fluid communication between said fuel pumping module and said engine, said Peltier-effect device being connected in thermal communication with said high pressure fuel conduit.

33. (Original) The fuel system of claim 32, wherein:

said marine propulsion device is attachable to a marine vessel.

34. (Original) The fuel system of claim 33, further comprising:

a water pump connected in fluid communication with said Peltier-effect device to cause said stream of water to flow from a body of water, on which said marine vessel is operable, through said secondary heat exchanger.

35. (Original) The fuel system of claim 34, further comprising:

a fuel rail connected in fluid communication with said fuel storage reservoir to distribute said fuel to a plurality of cylinders of said engine.

36. (Original) The fuel system of claim 35, further comprising:

a heat exchange conduit connected in thermal communication with said Peltier-effect device to direct a flow of said fuel through said heat exchange conduit in thermal communication with a cold side of said Peltier-effect device.

37. (Original) The fuel system of claim 36, wherein:

said fuel pumping module comprises a lift pump and a high pressure pump.

38. (Original) The fuel system of claim 37, wherein:

said lift pump is connected in fluid communication between said fuel pumping module and said fuel storage reservoir; and

said high pressure pump is connected in fluid communication between said fuel pumping module and said engine.